

**Construction and Major Maintenance/Pre-Design and Supplementary Services**  
**JUSTIFICATION OF PROGRAM AND PERFORMANCE**

Activity: Pre-Design and Supplementary Services

	1999 Enacted To Date	2000 Budget Request	Change From 1999 (+/-)
Pre-Design and Supplementary Services	4,500	4,500	0
<b>Total Requirements \$(000)</b>	<b>4,500</b>	<b>4,500</b>	<b>0</b>

\* House Report 105-585, accompanying the FY 1999 appropriations act (Public Law 105-277), allowed for the funding of this new activity up to \$4.5 million from anticipated savings in the Construction Planning activity.

**AUTHORIZATION**

16 U.S.C. 1

**OVERVIEW**

To accomplish special technical investigations, surveys, and comprehensive design necessary for preliminary planning, and to ensure that this initial phase of the development planning process allows for the proper scheduling, information gathering, and compliance requirements to successfully complete construction projects.

**APPLICABLE NATIONAL PARK SERVICE MISSION GOALS**

- Ia Natural and cultural resources and associated values are protected, restored and maintained in good condition and managed within their broader ecosystem and cultural context.
- Ib The National Park Service contributes to knowledge about natural and cultural resources and associated values; management decisions about resources and visitors are based on adequate scholarly and scientific information.
- IIa Visitors safely enjoy and are satisfied with the availability, accessibility, diversity, and quality of park facilities, services, and appropriate recreational opportunities.

**Activity Description**

**Pre-Design and Supplementary Services.....\$4,500,000**

This is a new activity within the Construction appropriation and includes pre-planning functions previously part of the Construction Planning activity. Although the National Academy of Public Administration report recommendations concentrated upon construction management components and did not address this area of need, these activities have always been an indispensable part of what the NPS had previously called the construction planning activity. Before FY 1990, National Park Services Pre-Design and Supplementary Services were funded under the title "Advance Planning" as a separate sub-activity under the "Planning" activity of the Construction appropriation.

Pre-Design services include tasks which need to be completed before design starts. These typically include project programming and budgeting, environmental and cultural resources analysis, existing conditions surveys, site analysis, geotechnical engineering, utilities studies, and surveys. Supplementary Services are tasks which are usually completed concurrently with design activities. These typically include natural, cultural and archeological investigations, special consultations, fire security, safety, ergonomics, rendering, modeling, special graphic services, life-cycle cost analysis, value analysis studies, energy studies, resources compliance studies, hazardous materials surveys, detailed cost estimating, monitoring, and testing and mitigation.

**Construction and Major Maintenance/Pre-Design and Supplementary Services**

The estimate for FY 2000 Pre-Design and Supplementary Services is based upon the historical requirement for such services associated with an estimated Denver Service Center and Harpers Ferry Center program level.